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PTO/SB/05 (08-03)  
Approved for use through 07/31/2006. OMB 0651-0032  
U.S. Patent and Trademark Office. U.S. DEPARTMENT OF COMMERCE

# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	EI-7612
First Inventor	Scott D. Schwab et al.
Title	COMPOSITION AND METHOD TO REDUCE PEROXIDES IN MIDDLE DISTILLATE FUELS
Express Mail Label No.	ER347827000US

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

## ADDRESS TO:

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

- ☒ Fee Transmittal Form (e.g., PTO/SB/17) \*TRANSMITTAL, w/certif. of mailing and fee calculation (Submit an original and a duplicate for fee processing)
- ☐ Applicant claims small entity status. See 37 CFR 1.27.
- ☒ Specification [Total Pages 25]  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
- ☐ Drawing(s) (35 U.S.C. 113) [Total Sheets         ]
- Oath or Declaration [Total Sheets         ]
  - ☒ Newly executed (original or copy)
  - ☐ Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed)
    - ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
- ☐ Application Data Sheet. See 37 CFR 1.76

- ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
- Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - ☐ Computer Readable Form (CRF)
  - Specification Sequence Listing on:
    - ☐ CD-ROM or CD-R (2 copies); or
    - ☐ Paper
  - ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

- ☒ Assignment Papers (cover sheet & document(s))
- ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
- ☐ English Translation Document (if applicable)
- ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
- ☐ Preliminary Amendment
- ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
- ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
- ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
- ☒ Other: Utility Patent Application Trans. PTO/SB/05

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.:                                 

Prior application information:

Examiner                                 

Art Unit:                                 

For CONTINUATION OF DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

☒ Customer Number: 34769 OR ☐ Correspondence address below

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Country

Telephone

Fax

Name (Print/Type) Dennis H. Rainear

Registration No. (Attorney/Agent) 32,486

Signature Dennis H. Rainear

Date

November 4, 2003

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

19270 U.S. PTO  
10/701084



**TRANSMITTAL**

In Re Application of: Scott D. Schwab et al. )  
 Serial Number: Not yet assigned )  
 Filed: November 5, 2003 )  
 For: **COMPOSITION AND METHOD TO REDUCE** )  
**PEROXIDES IN MIDDLE DISTILLATE** )  
**FUELS CONTAINING OXYGENATES** )

**CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8**

I hereby certify that the complete patent application stapled hereto and identified below is being deposited by me with the United States Postal Service as **Express Mail** (Express Mail Label No. **ER347827000US**) on November 4, 2003, with sufficient postage in an envelope addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

  
 Beth Earnest

Mail Stop Patent Application  
 Commissioner for Patents  
 P. O. Box 1450  
 Alexandria, VA 22313-1450

Sir:

Transmitted herewith is an application for U.S. Patent, including the following:

Utility Patent Application Transmittal, PTO/SB/05  
 Application for Patent (25 pages, 58 claims)  
 Executed Declaration, Power of Attorney and Petition  
 Executed Assignment  
 Recordation Cover Sheet, PTO-1595  
 Return Postcard

The claim fee has been calculated as shown below:

				<b>Other than a Small Entity</b>	
	<b>Claims</b>	<b>Highest Number Previously Paid for</b>	<b>Extra Claims Present</b>	<b>Rate</b>	<b>Additional Claim Fee</b>
<b>TOTAL</b>	<b>58</b>	<b>20</b>	<b>38</b>	<b>X 18=</b>	<b>\$684.00</b>
<b>INDEPENDENT</b>	<b>7</b>	<b>3</b>	<b>4</b>	<b>X 86=</b>	<b>\$344.00</b>
<b>Yes ___ No <u>X</u></b>	<b>First Presentation of Multi-Dep. Claim</b>			<b>+ 290=</b>	<b>\$</b>
				<b>TOTAL</b>	<b>\$1,028.00</b>

☒ Please charge my Deposit Account No. 05-1372 in the amount of \$1,838.00 (\$770.00 basic filing fee – utility, \$1,028.00 in claim fees, and \$40.00 recordation fee). A duplicate copy of this sheet is attached.

☒ The Commissioner is hereby authorized to charge any deficiencies in the following fees associated

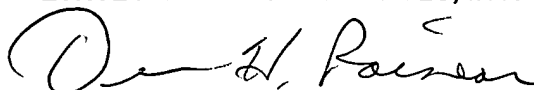
with this communication or credit any overpayment to Deposit Account No. 05-1372. A duplicate copy of this sheet is attached.

☒ Any filing fees under 37 C.F.R. § 1.16 for the presentation of extra claims.

☒ Any patent application processing fees under 37 C.F.R. § 1.17.

Respectfully submitted,

**ETHYL PETROLEUM ADDITIVES, INC.**

A handwritten signature in cursive script, appearing to read "Dennis H. Rainear", written in dark ink.

Dennis H. Rainear, Reg. No. 32,486

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Date: November 4, 2003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: )  
Scott D. Schwab et al. )  
 )  
Application No.: UNASSIGNED )  
 )  
Filed: November 5, 2003 )  
 )  
For: COMPOSITION AND METHOD TO )  
REDUCE PEROXIDES IN MIDDLE )  
DISTILLATE FUELS CONTAINING )  
OXYGENATES )

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

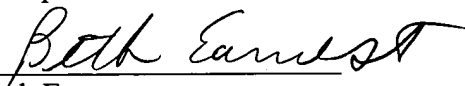
**CERTIFICATE UNDER 37 CFR 1.10 - EXPRESS MAIL**

I hereby certify that the complete patent application stapled hereto and identified below is being deposited by me with the United States Postal Service as **EXPRESS MAIL** in an envelope addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on November 4, 2003. The number of the "Express Mail" mailing label placed thereon prior to mailing is **ER347827000US**.

Said patent application consists of the following:

1. Specification, Claims and Abstract (25 pages, 58 claims);
2. Transmittal, with fee calculation;
3. Utility Patent Application Transmittal (PTO/SB/05);
4. Executed Declaration, Power of Attorney and Petition; and
5. Executed Assignment and Recordation Form Cover Sheet, PTO-1595.

Return postcard attached hereto but not stapled.

  
Beth Earnest  
Date: November 4, 2003

Telephone: (804) 788-6129  
**EXPRESS MAIL NO.: ER347827000U**